

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

ORIGINAL

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SEP 15 2003

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-12041
703-0071

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: September 10, 2003

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commission

at: Brush College Rd. in Decatur, Macon County, Illinois, DOT: 328 516E, MP. IT-43.60

File No. 061-04.284

Project No. 04.0538

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By

R. H. Ray
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191

(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 328 516E
3. Village or City Decatur
4. Name of Street or Highway Brush College Rd.
5. Public Agency Maintaining Highway City
6. Protection now established:
Automatic Flashing Light Crossing Signal with Bell with Constant Warning Time.
7. Protection desired:
Modify grade crossing warning devices to include Preemption with Interconnect Relay.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. Five 6 p.m. to 6 a.m. Five
11. Approximate number of switch movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:
North/East 15 M.P.H.
South/West 15 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

5,750 AADT

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

(File Original and Two Duplicates)


VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.



Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 10 th.
day of September 20 03.



Notary Public (Georgia) or Witness

My Commission Expires: _____

Detailed Estimate for Grade Crossing Warning Devices

City/State: DECATUR, IL
MilePost: IT-43.6
State Proj. No.:
S&E Proj. No.: 04.0538
Man Days: 10

Road: BRUSH COLLEGE RD
DOT/AAR: 328516E
County: MACON
AFE:
File Number: 061-04.284

*****Purchases - Other*****

Meals and Lodging:	\$830.00	
Rental of Equipment:	\$1,810.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 2.5 Days)		
Construction Supervision Vehicle:	\$30.00	
Contingencies:	\$540.00	
Purchases - Other Total:		\$3,210.00

***** Material and Additives*****

Material Cost:	\$270.00	
Sales and Use Tax:	\$10.00	
Material Handling Freight:	\$30.00	
Material Total:		\$310.00

*****Labor and Additives*****

Labor Cost:	\$2,130.00	
(4 man crew at \$852.00 a day for: 2.5 days)		
Payroll Tax & Overheads:	\$1,840.00	
Preliminary Engineering:	\$210.00	
Construction Supervision:	\$600.00	
Labor Total:		\$4,780.00
Subtotal:		\$8,300.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$8,300.00

Estimated on: 02-Sep-03

Estimated by: ndr3j

Estimate valid for 1 year from date of estimate

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	DECATUR
Road:	BRUSH COLLEGE RD.
Milepost:	IT-43.6
Drawing Number:	LFNB04360
State Project Number:	
County:	MACON
A A R Number:	328516E
Project Number:	04.0538
File Number:	061-04.284
A F E Number:	
Store Number:	
Supervisor:	L.W. HIMSTEDT
Tax Code:	1200
<p>Vendor to supply the following copies after pricing:</p> <p>1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice</p>	

02-Sep-03

Drawing No.: LFN04360

AFE No.:

S&E Proj. No.: 04.0538

IL

Location: DECATUR

Vendor: In House

Date Shipped:

Date Required:

P.O. Number:

Store No.:

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped			Quantity Installed			Quantity Returned (Credit)	Special Instructions
						Quantity	Date	Quan.	Date	Quan.	Date		
1	670-123298-4	EA	\$256.93	\$256.93	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS, JNE CAN BLUE MARKING PAINT ETC....								
1	670-440826-4	EA	\$1.01	\$1.01	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662								
50	465-999111-4	LF	\$0.30	\$14.84	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT AMT. NEEDED CR 02-620502								
Total Material						\$272.78							

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

TO NORTH YARD

TO MAIN LINE

SHELTER
43.60

POWER
SOURCE

BRUSH COLLEGE RD.
422'

35' MIN.

3000D2GCP (W)
645HZ.

28'

3000D2GCP (S)
645HZ.

TRACK
GATE

DC ISLAND 21C

XTR

NS TRACK

HWS

BRUSH COLLEGE RD.
657'

BRUSH COLLEGE RD.
657'

FARIES PARKWAY

BRUSH COLLEGE RD.
M.P. 1743.60
DOT#328516E

OPERATION
25 SEC. WARNING TIME
5 SEC. -GCP ACTION
30 SEC. AT 15 M.P.H.=657' APPROACH

APPROACH LENGTHS ALLOW FOR:		T1	T2
TIME IN SECONDS		CWT	
		E.B./W.B. APPROACH	
STANDARD MUTCD MIN. TIME	20	20	20
DESIGNED WARNING TIME	26-30	26-30	26-30
EQUIPMENT RESPONSE TIME	4	4	4
TOTAL TIME	30	30	30
MAX. SPEED (M.P.H.)	15	15	15
APPROACH DISTANCE (FEET)	657	657	582

00 = JH
XX = OUT
C.P. 03
Q-2-03

04.0538

061-04.284

NORFOLK SOUTHERN

DESIGNED BY:

SSC 04-05-93

DRAWN BY:

SSC 04-05-93

CHECKED BY:

SSC 04-16-93

IN SERVICE:

- -

OFFICE OF ASST. VICE PRESIDENT
COMM. & SIGNAL, ATLANTA, GA.

M.P.: 1743.60

DECATUR, IL. TO ST. LOUIS, MO.

DECATUR, IL. PRE-EMP 1 AT BRUSH COLLEGE RD.

FILE

S-43.60 SH.1

CADD AND
DWG. NO. LFNB04360.01

SHEET 1 of 20

PROPERTY
NORFOLK AND WESTERN R.W. CO.

REVISION
INITIALS

TO NORTH YARD

TO MAIN LINE

656'

182'

317'

40'

60'

41'

8'

8'

62'

120'

SIDING
BRUSH COLLEGE RD.
422'

BRUSH COLLEGE RD.
582'

3000D2GCP(W)
645HZ.

3000D2GCP(E)
645HZ.

3000D2GCP(S)
645HZ.

HWS

HWS

NS TRACK

XTR

FARIES PARKWAY

BRUSH COLLEGE RD.
657'

BRUSH COLLEGE RD.
3000D2GCP (W) 645HZ.
3000D2GCP (E) 645HZ.
3000D2GCP (S) 645HZ.

↓ = TERMINATION SHUNT

△ = UNI-DIRECTIONAL UNIT

X = CIRCUIT CONTROLLER

R-9670



NORFOLK
SOUTHERN

DESIGNED BY:
SSC 04-05-93

DRAWN BY:
SSC 04-05-93

CHECKED BY:
SSC 04-16-93

IN SERVICE:
-

OFFICE OF ASST. VICE PRESIDENT
COMM. & SIGNAL, ATLANTA, GA.

DECATUR, IL. TO ST. LOUIS, MO.
FILE NO. R-9670

DECATUR, IL. PRE-EMPT AT BRUSH COLLEGE RD.

FILE NO. R-9670

CADD and LFN04360.02

SHEET 2 of 20

PROPERTY
NORFOLK AND WESTERN RY. CO.

REVISION
INITIALS